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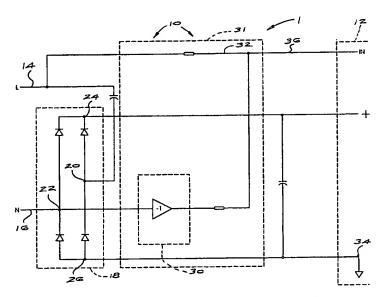
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(54) Title: METHOD AND DEVICE FOR VOLTAGE MEASUREMENT OF AN AC POWER SUPPLY



(57) Abstract: In an electronic device having an electrical circuit connected to live and neutral lines of an AC power supply via a bridge rectifier for the provision of DC power to the circuit, a method for ascertaining the AC power supply voltage includes providing a corrected voltage signal comprising a differential between signals representative of the live and neutral AC voltage signals, each signal referenced to a preselected common voltage reference point in the circuit of the device. The invention extends to a voltage ascertaining means for use in such an electronic device.

ABSTRACT

In an electronic device having an electrical circuit connected to live and neutral lines of an AC power supply via a bridge rectifier for the provision of DC power, a method for ascertaining the AC power supply voltage includes providing a corrected voltage signal comprising a differential between signals representative of the live and neutral AC voltage signals, each signal referenced to a preselected common voltage reference point in the circuit of the device. The invention extends to a voltage ascertaining means for use in such an electronic device.